

☐ *Revision application, six copies of the request are attached.*

PHONE: () _____ FAX: () _____

E-MAIL ADDRESS: _____

CONTACT PERSON (if different from agent): _____ TITLE: _____

PHONE: () _____ FAX: () _____

E-MAIL ADDRESS: _____

5. PLAN INFORMATION:

A. NAME OF THE AREAWIDE WATER QUALITY MANAGEMENT PLAN(S) [WQMP] TO BE AMENDED: _____
(See map on page 13 to determine which Water Quality Management Planning Area the proposal site is located.)

B. NAME OF THE WASTEWATER MANAGEMENT PLAN(S) [WMP] TO BE AMENDED (IF NO WMP EXISTS, WRITE NONE): _____

NAME OF WMP AGENCY: _____

WMP AGENCY CONTACT PERSON:

NAME: _____ TITLE: _____

ADDRESS: _____

Street Address

Suite Number

City

State

Zip

PHONE: () _____ FAX: () _____

E-MAIL ADDRESS: _____

6. TYPE OF AMENDMENT or REVISION (Check all that apply. Check off boxes continue on next page):

☐ CHANGES TO SEWER SERVICE AREAS

☐ Expansion

☐ Reduction

☐ Transfers of Sewer Service Areas from _____ to _____

☐ Transfer of WMP Responsibility from _____ to _____

☐ WASTEWATER TREATMENT FACILITIES (WTF)

☐ New or Expanded Discharge to Surface Water

☐ New or Expanded Discharge to Ground Water

☐ Abandonment of Wastewater Treatment Facility

☐ Change in Discharge Location

☐ Increase in projected flow above that approved in the adopted areawide WQM plan for the facility wastewater service area

☐ Golf course

☐ Other _____

7. DESCRIPTION OF AMENDMENT OR REVISION PROPOSAL:

A. TOTAL PROJECTED WASTEWATER TO BE GENERATED BY THIS PROJECT/ACTIVITY ACCORDING TO THE ATTACHED PROJECTED FLOW CRITERIA TABLES (located on pages 14-16):

- B. TYPE OF WASTEWATER DISPOSAL:
☐ Surface Water
☐ Ground Water
- C. NAME OF RECEIVING WTF: _____
- D. RECEIVING STREAM NAME AND CLASSIFICATION: _____
- E. ACREAGE OF AMENDMENT/REVISION WASTEWATER SERVICE AREA:
 WASTEWATER SERVICE AREA: ☐ Increase _____ Acres ☐ Decrease _____ Acres
- F. ACREAGE OF AREA DISTURBED BY PROPOSAL: _____

8. MAPS AND DRAWINGS

- A. PROVIDE PROJECT/ACTIVITY LOCATION DELINEATED ON A TAX MAP(S).
 IF APPROPRIATE, PROVIDE BLOCK/LOT NUMBERS: _____
☐ Tax map showing project/activity location is attached
- B. PROVIDE A MAP SHOWING THE FOLLOWING:
 1. THE PROPERTY / PROPOSED SEWER SERVICE AREA BOUNDARY DELINEATED IN ACCORDANCE WITH THE MAPPING REQUIREMENTS (see page 20)
 2. LOCATION OF PROPOSED NEW OR EXPANDED WASTEWATER TREATMENT FACILITY AND DISCHARGE LOCATION DELINEATED IN ACCORDANCE WITH THE MAPPING REQUIREMENTS (see page 20)
☐ Disk or USGS map attached with sites delineated
- C. PROVIDE SITE PLANS AND/OR DRAWINGS WHICH ILLUSTRATE THE PROPOSAL DESCRIPTION ABOVE.
☐ Site Plan is attached

9. REGIONAL PLANNING CONSIDERATIONS:

- A. IS THE PROJECT/ACTIVITY WITHIN HIGHLANDS PRESERVATION AREA?
☐ Yes ☐ No
 IF YES, HAVE YOU RECIEVED A HIGHLAND'S APPLICABILITY AND WATER QUALITY MANAGEMENT PLAN CONSISTENCY DETERMINATION (If yes, please submit a copy)?
☐ Yes ☐ No
- B. IS THE PROJECT/ACTIVITY WITHIN HIGHLANDS PLANNING AREA?
☐ Yes ☐ No
- C. IS THE PROJECT/ACTIVITY WITHIN NJ's REGULATED COASTAL ZONE?
☐ Yes ☐ No
 IF YES, WHICH PLANNING AREA? _____

D. IS THE PROJECT/ACTIVITY WITHIN THE PINELANDS AREA OR PINELANDS NATIONAL RESERVE AREA OF JURISDICTION UNDER THE PINELANDS COMPREHENSIVE MANAGEMENT PLAN?

☐ Yes ☐ No

IF YES, WHICH CATEGORY _____

E. IS THE PROJECT/ACTIVITY LOCATED WITHIN THE JURISDICTION OF THE NEW JERSEY MEADOWLANDS COMMISSION?

☐ Yes ☐ No

F. IDENTIFY THE ADOPTED STATE DEVELOPMENT AND REDEVELOPMENT PLAN PLANNING AREA OR NAME OF APPROVED CENTER

G. IS THE PROJECT/ACTIVITY IN CONFORMANCE WITH ALL APPLICABLE LOCAL ORDINANCES?

☐ Yes ☐ No

IF NO, EXPLAIN _____

H. IS THE PROJECT/ACTIVITY IN CONFORMANCE WITH THE MUNICIPAL MASTER PLAN?

☐ Yes ☐ No

IF NO, EXPLAIN _____

I. IS THE PROJECT/ACTIVITY IN CONFORMANCE WITH THE MUNICIPAL STORMWATER MANAGEMENT PLAN?

☐ Yes ☐ No

IF NO, EXPLAIN _____

J. IS THE PROJECT/ACTIVITY IN CONFORMANCE WITH THE REGIONAL STORMWATER MANAGEMENT PLAN?

☐ Yes ☐ No

IF NO, EXPLAIN _____

K. HAS A TOTAL MAXIMUM DAILY LOAD (TMDL) BEEN ESTABLISHED FOR ANY LAKES OR STREAMS WITHIN THE PROJECT/PLANNING AREA?

☐ Yes ☐ No

IF YES, EXPLAIN _____

L. IS THE PROJECT WITHIN THE SAME WATERSHED/HUC 14 AS A STREAM/LAKE THAT HAS AN ESTABLISHED TMDL?

☐ Yes ☐ No

IF YES, EXPLAIN _____

10. WATER SUPPLY CONSIDERATIONS:

A. WATER SUPPLY SOURCE (See page 18 and check one of the following):

☐ Public Water System (If yes, check one): ☐ Existing ☐ Proposed

☐ Non-Public Water Systems (Individual Wells)

_____ Number of wells from a confined aquifer

_____ Number of wells from an unconfined aquifer

B. IF YOU CHECKED PUBLIC WATER SYSTEM, COMPLETE THE FOLLOWING. IF YOU CHECKED NON-PUBLIC, SKIP TO ITEM D.

NAME OF PURVEYOR: _____

CHECK APPROPRIATE BOX TO INDICATE TYPE OF WATER SOURCE:

☐ Reservoir

☐ Surface Water Intake

☐ Confined aquifer

☐ Unconfined Aquifer diversion with a passing flow requirement

☐ Unconfined Aquifer diversion without a passing flow requirement

NAME OF SOURCE WATERBODY OR AQUIFER: _____

LOCATION OF DIVERSION (Municipality and street, if applicable): _____

WATER ALLOCATION PERMIT OR WATER USE REGISTRATION NUMBER
ASSOCIATED WITH DIVERSION: _____

C. WILL THE EXISTING WATER ALLOCATION PERMIT OR WATER USE REGISTRATION NEED TO BE MODIFIED TO INCREASE THE ALLOCATION OR WILL A NEW WATER ALLOCATION PERMIT OR WATER USE REGISTRATION BE NEEDED TO MEET THE ANTICIPATED WATER SUPPLY DEMAND FOR THE PROJECT/ACTIVITY DURING THE PLANNING PERIOD? (CHECK APPROPRIATE BOX)

☐ EXISTING WATER ALLOCATION PERMIT WILL NOT REQUIRE MODIFICATION

☐ EXISTING WATER USE REGISTRATION WILL NOT REQUIRE MODIFICATION

☐ INCREASE IN EXISTING WATER ALLOCATION PERMIT

☐ NEW WATER ALLOCATION PERMIT

☐ NEW WATER USE REGISTRATION

D. IS YOUR PROJECT/ACTIVITY LOCATED IN A WATER SUPPLY PLANNING DEFICIT AREA AS IDENTIFIED IN THE 1996 NEW JERSEY STATEWIDE WATER SUPPLY PLAN?

☐ Yes ☐ No

E. CHECK THE APPROPRIATE BOX BELOW TO INDICATE WHETHER OR NOT YOUR PROJECT/ACTIVITY IS LOCATED WITHIN AN AREA OF CRITICAL WATER SUPPLY CONCERN.

☐ Critical Area 1

☐ Critical Area 2

☐ Not Applicable

- F. HAS AN ORDINANCE BEEN ADOPTED BY THE MUNICIPALITY/MUNICIPALITIES IN WHICH THE PROJECT/ACTIVITY IS LOCATED THAT LIMITS OUTDOOR WATER USE (OTHER THAN DURING TIMES OF DROUGHT WARNING OR DROUGHT EMERGENCY)?

☐ Yes ☐ No

IF YES, ATTACH A COPY OF THE ORDINANCE.

11. RIPARIAN CORRIDOR CONSIDERATIONS:

- A. What is/are the stream classification(s) of waterbodies in project/activity site?

- B. Is the project or activity within 300 feet of Category One (C1) waters or any Highlands waterbodies?

☐ Yes ☐ No

- C. Is the project or activity within 150 feet of Fresh Water 1 (FW1) or Fresh Water 2-Trout Production (FW2-TP waters?

☐ Yes ☐ No

- D. Is the project or activity within 75 feet of other Fresh Water 2 (FW-2) designated waters?

☐ Yes ☐ No

12. IS THE PROPOSAL REQUIRED AS PART OF AN ADMINISTRATIVE ORDER, COURT ORDER, NJDEP ADMINISTRATIVE CONSENT ORDER (ACO), OR A JUDICIAL CONSENT ORDER TO WHICH THE NJDEP IS A PARTY, FROM A STATE OR FEDERAL COURT?

☐ Yes ☐ No

☐ If yes, copy attached

13. THREATENED AND ENDANGERED SPECIES HABITAT CONSIDERATIONS:

- A. Is there ranked threatened and/or endangered species habitat within the proposed project site or planning area?

☐ Yes ☐ No

a. If yes, please describe the rank and species as per the Landscape Project. _____

- b. Is this project site located within a Natural Heritage Database designated area?

☐ Yes ☐ No

If yes, please describe _____

14. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY ANY OF THE FOLLOWING ACTS?

- A. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY FLOOD HAZARD AREA CONTROL ACT, N.J.S.A. 58:16A-50 et seq.

☐ Yes ☐ No

If yes, what is the area of impervious surface? _____ Acres

What is the area of disturbance? _____ Acres

- B. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY FRESHWATER WETLANDS PROTECTION ACT, N.J.S.A. 13:9B-1 et seq.

☐ Yes ☐ No

- c. If yes, is there an outfall structure within the wetlands?

☐ Yes ☐ No

- d. If yes, what is the area of impervious surface within the onsite drainage area to the structure?
_____ Acres

What is the area of disturbance within the onsite drainage area to the structure?
_____ Acres

- e. If no, what is the area of impervious surface within freshwater wetlands, transition areas and open waters?
_____ Acres

What is the area of disturbance within freshwater wetlands, transition areas and open waters?
_____ Acres

- C. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY WETLANDS ACT OF 1970, N.J.S.A. 13:9A-1 et seq.

☐ Yes ☐ No

- a. If yes, is there an outfall structure within the wetlands?

☐ Yes ☐ No

- b. If yes, what is the area of impervious surface within the onsite drainage area to the structure?
_____ Acres

What is the area of disturbance within the onsite drainage area to the structure?
_____ Acres

- c. If no, what is the area of impervious surface within freshwater wetlands, transition areas and open waters?
_____ Acres

What is the area of disturbance within freshwater wetlands, transition areas and open waters?
_____ Acres

- D. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY COASTAL AREA FACILITY REVIEW ACT, N.J.S.A. 13:19-1 et seq.

☐ Yes ☐ No

If yes, what is the area of impervious surface? _____ Acres

What is the area of disturbance? _____ Acres

- E. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY WATERFRONT AND HARBOR FACILITIES ACT, N.J.S.A. 12:5-3

☐ Yes ☐ No

If yes, what is the area of impervious surface? _____ Acres

What is the area of disturbance? _____ Acres

15. SUPPLEMENTAL INFORMATION:

☐ DETAILED PROJECT DESCRIPTION

☐ UPDATED TEXT FOR THE WASTEWATER MANAGEMENT PLAN

☐ COMPLETED ENVIRONMENTAL ANALYSES

☐ OTHER _____

16. CERTIFICATION:

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE, TO THE BEST OF MY KNOWLEDGE.

SIGNATURE: _____ DATE _____

Additional information, analyses or assessments may be required upon review by the NJDEP

SEND COMPLETED FORM WITH REQUIRED ATTACHMENTS TO:

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATERSHED MANAGEMENT
BUREAU OF WATERSHED REGULATION
401 E.STATE ST. 7TH FLOOR W. WING
PO BOX 418
TRENTON, NJ 08625-0418**

WASTEWATER FLOW CALCULATION WORKSHEET

COMPLETE ALL APPLICABLE SECTIONS

A. CLASSIFICATION OF WASTEWATER TREATMENT FACILITY CONSTRUCTION (check all applicable categories):

- ☐ New Construction
- ☐ Alteration to an existing system
- ☐ Expansion
- ☐ Increasing flow to existing wastewater treatment facility without facility expansion
- ☐ Change in Use – Describe _____
- ☐ Other – Describe _____

B. NATURE OF FACILITY TO BE SERVED:

- ☐ Residential – Type of Dwelling Unit _____
 Number of Buildings _____
 Number of Individual Residences _____
 Number of bedrooms per unit _____
- ☐ Commercial – Number of Commercial Units _____
 Total Square Footage _____
 Number of Employees _____
 Restaurant Information/number of seats _____
 Specify Type of Establishment _____
- ☐ Industrial – Number of Units _____
 Total Square Footage _____
 Number of Employees _____
 Specify Type of Establishment _____
- ☐ Schools – Number of Students _____
 Number of Staff _____
 Showers _____
 Laboratories _____
 Cafeteria _____
- ☐ Religious Institutions – Number of Seats _____
 School Information _____
 Dining/Banquet Information _____
 Offices _____
 Number of Residences _____
 Specify Type of Establishment _____
- ☐ Institutions (Hospital, Nursing Home, Prison) – Number of Beds _____
 Number of Patients/Inmates _____
 Specify Type of Establishment _____
- ☐ Other – Number of Units _____
 Specify Type of Establishment _____

C. NET POPULATION CHANGE

Calculate the net change to the projected population of the proposal area and indicate if there will be an increase or decrease in population.

NET POPULATION CHANGE: _____
☐ Increase ☐ Decrease

D. PROJECTED WASTEWATER FLOW

Depending on the type of wastewater treatment facilities being proposed, there are different criteria to use to

determine the total projected wastewater flow from a proposal. Use the attached projected flow criteria under N.J.A.C. 7:14A-23.3 or N.J.A.C. 7:9A-7.4 (depending on the type of wastewater treatment system that is proposed to be used) and determine the **total** amount of wastewater that this project or activity will generate. Indicate by checking the appropriate box which table was used.

☐ N.J.A.C. 7:14A-23.3

☐ N.J.A.C. 7:9A-7.4

Specify Criteria Used _____

Establishment Type		Number of Measurement Units		Gallons per Day per Unit		Projected Flow (gpd) or (mgd)
			X		=	
			X		=	
			X		=	
			X		=	
			X		=	
			X		=	
			X		=	
			X		=	

Provide the total wastewater flow projection that this project or activity will generate in million gallons per day (mgd) or gallons per day (gpd), and indicate which by checking the appropriate box next to each type of development activity.

Residential _____ ☐ mgd ☐ gpd

Institutional _____ ☐ mgd ☐ gpd

Industrial* _____ ☐ mgd ☐ gpd

Sanitary Wastewater Total _____ ☐ mgd ☐ gpd

Non-Contact Cooling Water Total _____ ☐ mgd ☐ gpd

Process Wastewater Total _____ ☐ mgd ☐ gpd

Stormwater Total _____ ☐ mgd ☐ gpd

Schools _____ ☐ mgd ☐ gpd

Religious Institutions _____ ☐ mgd ☐ gpd

Institutions _____ ☐ mgd ☐ gpd

Other _____ ☐ mgd ☐ gpd

*If the proposal is for a new or expanded industrial facility that will generate industrial process wastewater which is not provided for on the attached projected flow criteria tables, provide a basis for the total projected wastewater discharge from the proposal site.

Basis for Industrial Wastewater Flow Projection: _____

Total amount of wastewater that this project or activity will generate. _____

LISTING OF AREAWIDE WATER QUALITY MANAGEMENT PLANNING DESIGNATED PLANNING AGENCIES

- (1) Indicates Agency also has WMP Responsibility
(2) Indicates Agency has Adopted WQMP Procedures

Atlantic County Board of Chosen Freeholders for the Atlantic County WQM planning area (1)(2)
C/O Atlantic County Department of Regional Planning and Development
P.O. Box 719
New Road and Dolphin Avenue
Northfield, NJ 08225-0719
(609) 645-5898

Cape May County Board of Chosen Freeholders for the Cape May County WQM planning area (1)(2)
C/O Cape May County Health Department
DN 601
4 Moore Road
Cape May Court House, NJ 08210-1601
(609) 465-1187

Mercer County Board of Chosen Freeholders for the Mercer County WQM planning area (2)
C/O Mercer County Planning Division
McDade Administration Building
Room 412
640 South Broad Street
P.O. Box 8068
Trenton, NJ 08650
(609) 989-6545

Middlesex County Board of Chosen Freeholders for the Lower Raritan/Middlesex County WQM (1)(2)
planning area (which includes portions of Somerset and Union Counties)
C/O Middlesex County Planning Board (which does not have WMP Responsibility)
40 Livingston Avenue
New Brunswick, NJ 08901
(732) 745-3016

Monmouth County Board of Chosen Freeholders for the Monmouth County WQM planning area (1)(2)
C/O Monmouth County Planning Board
Hall of Records Annex
One East Main Street
Freehold, NJ 07728
(732) 431-7460

Ocean County Board of Chosen Freeholders for the Ocean County WQM planning area (1)
C/O Ocean County Planning Board
Court House Square
P.O. Box 2191
Toms River, NJ 08754
(732) 929-2054

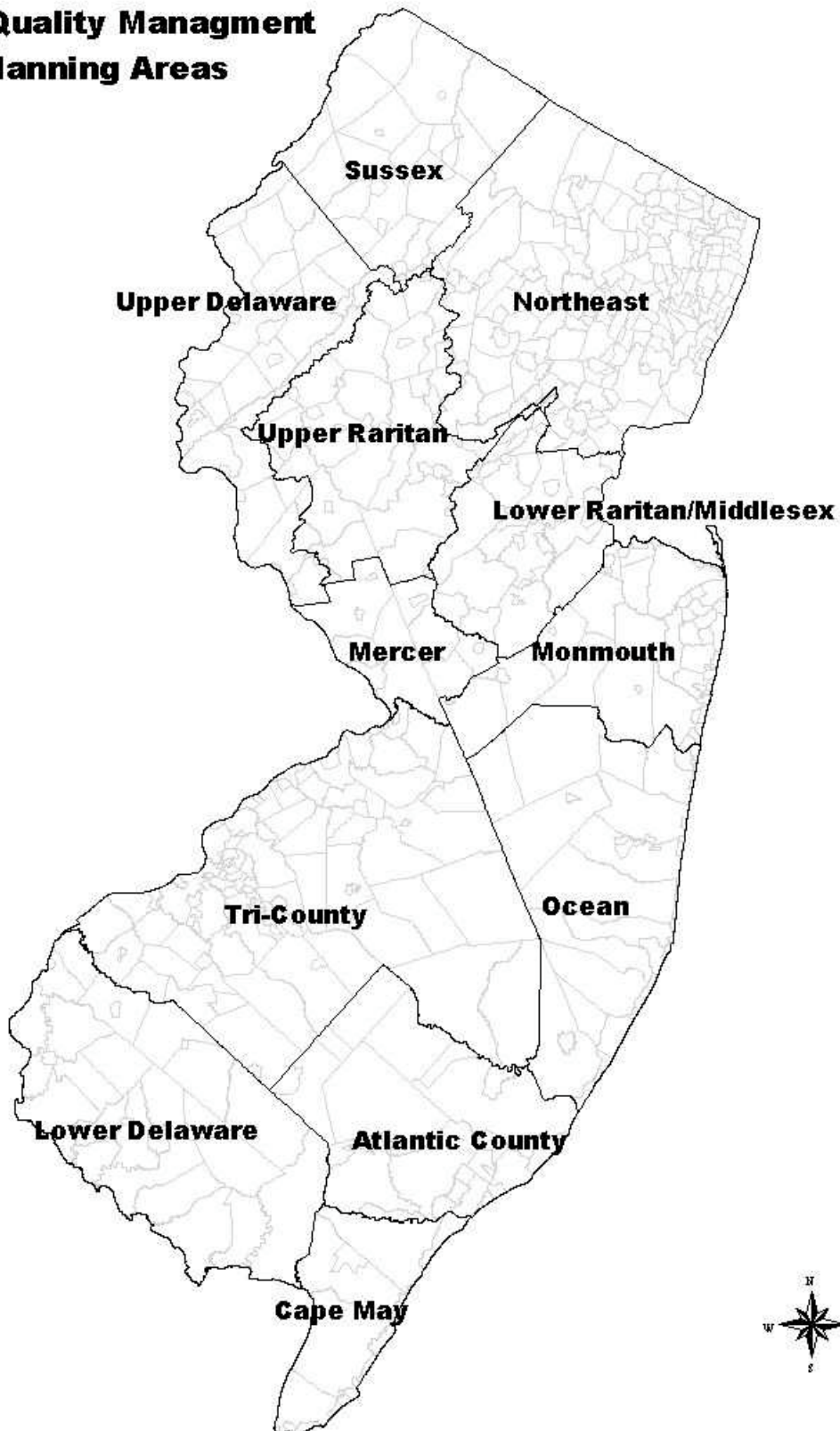
Sussex County Board of Chosen Freeholders for the Sussex County WQM planning area (which includes portions of
Morris County) (1)(2)
C/O Sussex County Department of Engineering and Planning, Division of Planning
Sussex County Administrative Building
One Spring Street
Newton, NJ 07860
(973) 579-0500

Delaware Valley Regional Planning Commission for the Tri-County WQM planning area (which includes Burlington, Camden and Gloucester Counties)
Delaware Valley Regional Planning Commission
The Bourse Building
111 South Independence Mall East
Philadelphia, PA 19106-2515
(215) 592-1800

New Jersey Department of Environmental Protection for the Northeast, Upper Raritan, Upper Delaware and Lower Delaware WQM Planning Areas

New Jersey's Water Quality Management Planning Areas

Water Quality Management Planning Areas



N.J.A.C. 7:14A - 23.3 Projected Flow Criteria

The values specified below are to be used in computing the projected flow to wastewater conveyance and treatment facilities. The specific measurement unit listed for each category must be used as the basis for the projected flow. No additional provisions for inflow and infiltration are required. Flow for facilities that have combined uses must be determined by the summation of all appropriate projected flow values for each use. In the event that a facility is not covered by the table below, the applicant must propose the projected flow based upon operation of similar facilities or best professional judgment.

Type of Establishment	Measurement Unit	Gallons Per Day	Type of Establishment	Measurement Unit	Gallons Per Day
Residential Dwellings (single family home, duplex units, townhouses, condominiums, apartments)			Institutions (includes staff)		
1 bedroom unit	Per Dwelling	150	Hospitals	Bed	175
2 bedroom unit	Per Dwelling	225	Other institutions	Bed	125
3 bedroom unit or larger	Per Dwelling	300	Schools (includes staff)		
Transit dwelling units			No shower or cafeteria	Student	10
Hotels	Bedroom	75	With cafeteria	Student	15
Lodging houses and tourist homes	Bedroom	60	With cafeteria and showers	Student	20
Motels and tourist cabins	Bedroom	60	With cafeteria, showers and laboratories	Student	25
Boarding houses (max. permitted occupancy)	Boarder	50	Boarding	Student	75
Camps			Automobile service stations		
Campground/mobile rec. vehicle/tent	Site	100	Service bays	per bay	50
Parked mobile trailer site	Site	200	Filling position	per filling position	125
Children's camps	Bed	50	Mini-market	Sq. Ft.	0.100
Labor camps	Bed	40	Miscellaneous		
Day camps--no meals	Person	15	Office buildings (gross area)	Sq. Ft.	0.100
Restaurants (including washrooms and turnover)			Stores and shopping centers (gross area)	Sq. Ft.	0.100
Average restaurant	Seat	35	Factories/warehouses (add process water)	Employee	25
Bar/cocktail lounges	Seat	20	with showers, (add process water)	Employee	40
Fast food restaurant	Seat	15	Laundromats	Machine	580
24 hour service restaurant	Seat	50	Bowling alleys	Alley	200
Curb service/drive-in restaurant	Car space	50	Picnic Parks (restrooms only)	Person	10
Clubs			Picnic Parks with showers	Person	15
Residential	Member	75	Fairgrounds (based upon average attendance)	Person	5
Nonresidential	Member	35	Assembly halls	Seat	3
Racquet club	court per hour	80	Airports (based on passenger use)	Passenger	3
Bathhouse with shower	Person	25	Churches (worship area only)	Seat	3
Bathhouse without shower	Person	10	Theater (indoor)	Seat	3
			Dinner theater	Seat	20
			Catering/Banquet Hall	Person	20
			Sports stadium	Seat	3
			Visitor Center	Visitor	5

PROJECTED FLOW CRITERIA

SOURCE: N.J.A.C. 7:9A-7.4, STANDARDS FOR INDIVIDUAL SUBSURFACE DISPOSAL SYSTEMS

Type of Establishment	Measurement Units	Gallons per day	Type of Establishment	Measurement Units	Gallons per day
Residential Dwellings (single family homes, Duplex units, townhouses, condominiums, Apartments)			Restaurant		
First bedroom	Per dwelling	200	sanitary waste only	Per patron	5
Each additional bedroom	Per dwelling	150	with kitchen wastes, add	Per patron	5
Minimum volume	Per dwelling	350	Clubs		
Minimum volume	Per apartment	350	Bathhouse, with showers	Per person	25
Minimum volume deed restricted senior citizen community or mobile home park (< 5001 ft2) .	Per dwelling unit	200	Bathhouse, without showers	Per person	10
Transit dwelling units			Beach dub	Per person	25
Boarding house, meals ⁽²⁾	Per guest	75	Country club		
non-resident	Per guest	15	Member	Per person	60
Dormitory, bunkhouse	Per bed	40	Non-member	Per person	25
Hotel	Per room	130	Institutional facilities		
Motel	Per room	130	Hospital, medical	Per bed	250
Rooming house, no meals	Per bed	65	Hospital, mental	Per bed	150
Cottages ⁽²⁾	Per person	100	Institution, other than hospital '	Per bed	150
Minimum volume	Per dwelling unit	350	Nursing/rest home	Per bed	150
Camps			Prison	Per inmate	150
Cottage, barracks type	Per person	65	Schools		
Day, no meals	Per person	20	Boarding	Per student	100
Resort ⁽²⁾	Per site	100	Day		
Trailer ⁽²⁾	Per site	100	No cafeteria or showers	Per student	10
with toilets, add	Per person	10	Cafeteria only	Per student	15
Restaurants			Cafeteria and showers	Per student	20
Bar	Per patron	5	Cafeteria, showers and laboratories	Per student	25
Cafeteria	Per patron	5			
Cocktail lounge	Per patron	5			
Coffee shop	Per patron	5			

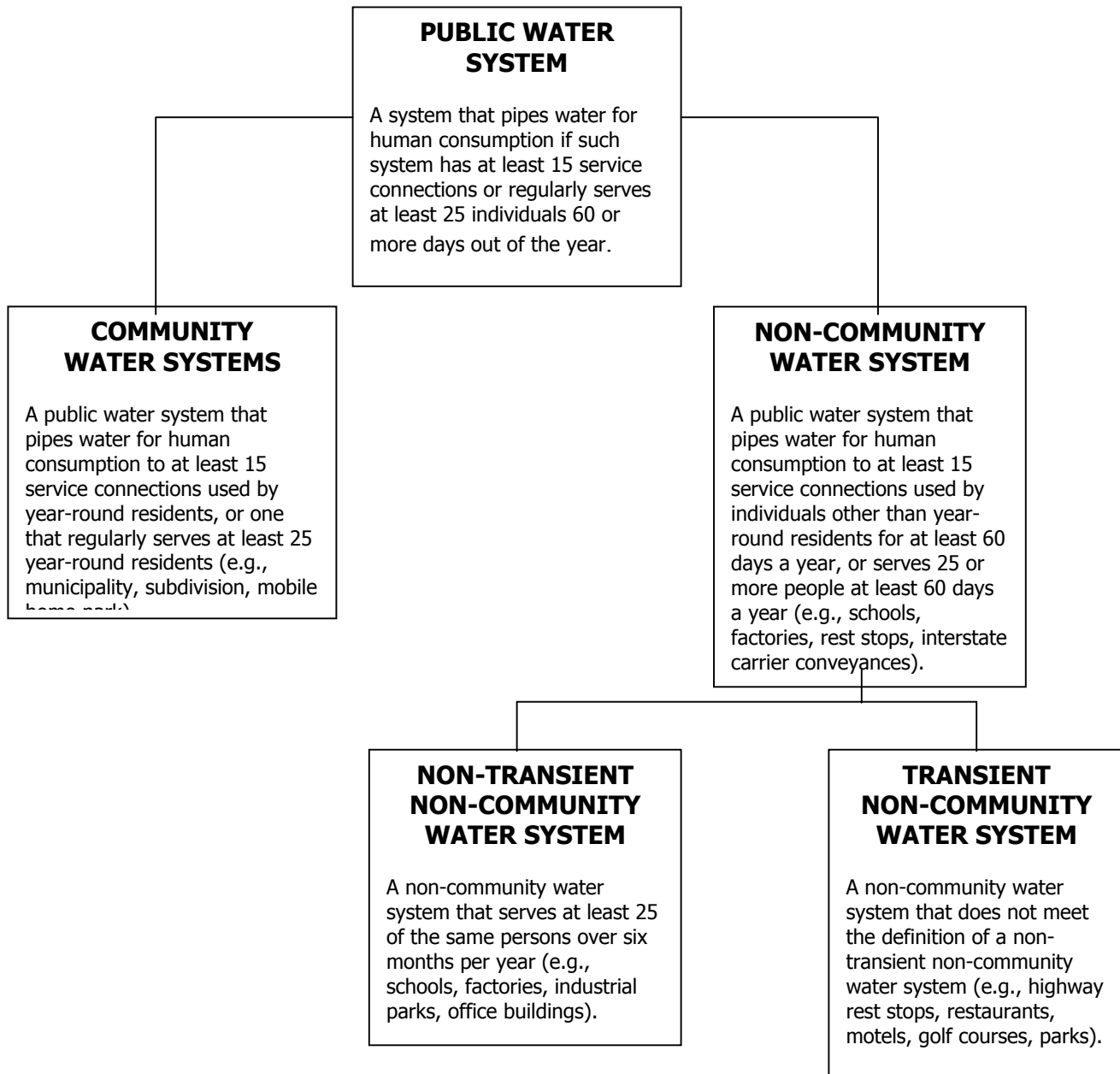
Type of Establishment	Measurement Units	Gallons per day
Miscellaneous		
Airport	Per passenger	5
Assembly hall	Per seat	3
Auto service station	Per car	10
Beauty parlors and salons	Per sink	120
Bowling alley, no food	Per lane	125
with food, add	Per patron	5
Bus stop rest area	Per passenger	5
Church	Per seat	3
Comfort station/Picnic grounds		
with toilets	Per person	10
with toilets and showers	Per Person	15
Dining hall	Per customer	5
Factory/Industrial building ⁽¹⁾	Per employee, 8-hr	15
with showers, add ⁽¹⁾	Per employee, 8-hr	15
Laundry, self service	Per wash	50
Office building	Per employee, 8-hr	15
(whichever is greater) ⁽¹⁾	Per square foot	0.125
Shopping center ⁽¹⁾	Per square foot	0.125
Stadium	Per seat	3
store ⁽¹⁾	Per square foot	0.125
Swimming Pool	Per person	10
Theater, Indoor	Per seat	3
Theater, outdoor	Per parking space	10
Visitor Center	Per visitor	5

(1) Volume of sanitary sewage for employees included within method of estimation indicated.

(2) If laundry wastes are anticipated, increase the estimated flow by 50 percent.

Types of Public Water Systems

A “public water system” has 15 or more service connections or regularly serves at least 25 people 60 or more days a year. A System that serves water 60 or more days a year is considered to “regularly serve” water. Public water systems can be publicly or privately owned. Public water systems are subdivided by regulation into two major categories: **community** and **non-community** water systems. The division is based on the type of consumer served and the frequency the consumer uses the water. Basically, a **community system** serves water to a residential population, whereas a **non-community system** serves water to a non-residential population. The **non-community** category is further broken down into two categories: **non-transient non-community** water systems and transient **non-community** water systems.



From: Public Notification Handbook for Public Water Systems, USEPA Office of Water, USEPA Publication 570/9-89-002 September 1989

New Jersey Department of Environmental Protection
Instructions for Completing the Water Quality Management Plan Amendment & Revision
Application Form

Please note that a minimum of six (6) copies will be required as part of a complete Amendment or Revision application.

1. NAME OF PROPOSAL, PROJECT OR DEVELOPMENT:

Provide name by which the project or activity is or will be commonly known. For example: Deer Run Estates, or Atlantic County Wastewater Management Plan.

2. LOCATION OF PROPOSAL, PROJECT OR DEVELOPMENT:

Identify the municipality(ies) and county(ies) where the project or activity is located.

3. OWNER OR AGENCY SUBMITTING REQUEST:

Provide name, contact person and title, if applicable, address, telephone number, facsimile number and e-mail address of the company, agency or individual which/who has primary interest in this application for amendment or revision.

4. PREPARER OF AMENDMENT OR REVISION:

Provide name and title, agency or company name, address, telephone number, facsimile number and e-mail address of the company, agency or individual which/who has prepared this application for amendment or revision. Provide a contact person and title, telephone number, facsimile number and e-mail address, if different than the amendment/revision preparer. The contact person will be responsible to answer questions or make changes to the application form. If the preparer of the application form is the same as the owner or agency submitting the request, write "same as above".

5. PLAN INFORMATION:

There are twelve areawide Water Quality Management plans in New Jersey. The purpose of the areawide WQM plans is to identify areas within the State to evaluate water quality control issues, identify factors contributing to the water quality problems, and identify measures for addressing those problems. Areawide wastewater treatment areas were designated pursuant to the provisions of the Water Quality Planning Act and section 208 of the Federal Water Pollution Control Act and to the maximum extent practicable conformed to county boundaries, with appropriate modifications made to take account of the major watersheds. There were seven agencies designated by the Governor to prepare areawide WQM plans; in addition, the NJDEP prepared another five areawide WQM plans. Since their adoption by the Governor in 1980, and conditional approval by EPA shortly thereafter, one additional agency was designated in the late 1990's.

Amendments and revisions to Water Quality Management plans are processed and approved by NJDEP and certain Designated Planning Agencies (DPA). Plan amendments and revisions approved by DPAs are only valid upon adoption by the Governor's designee at NJDEP. A list of DPAs is attached and those DPAs with approved plan amendment procedures are indicated.

A Wastewater Management Plan (WMP) is a document that provides 20 year planning for wastewater and certain other water resource protection concerns. The agency with wastewater management plan responsibility for a specific area is determined by the jurisdiction and wastewater-related responsibilities of the various governmental agencies that may exist. A list of agencies with wastewater management plan responsibility is available on the Division of Watershed Management's website at <http://www.nj.gov/dep/watershedmgt/rules.htm>. Obtain information to be provided in this section from the Wastewater Management Planning Agency. Provide the name, title, address, telephone number, facsimile number and e-mail address of the WMP agency representative that provided the information and who will be the contact person.

Please note the NJDEP will provide copies of written correspondence regarding the amendment or revision application to those agencies and contact persons identified in items 3 through 5 throughout the plan amendment/revision process.

6. TYPE OF AMENDMENT or REVISION (Check all that apply):

Indicate if any of the following are being proposed as part of the amendment/revision:

Sewer Service Areas

- Expansion of a sewer service area (e.g. by adding parcels),
- Reduction of a sewer service area (e.g. by removing parcels)
- Transfer of approved sewer service area from one wastewater treatment facility to another. The affected entities should be identified.
- Transfer of WMP planning responsibility from one agency to another. The affected entities should be identified.

Wastewater Treatment Facilities

- Any new or expanded wastewater treatment facilities (including, the type of discharge proposed)
- Changes to approved wastewater flows
- The abandonment of existing wastewater treatment facilities
- Change in discharge location (e.g. changing from discharge to surface water to a discharge to ground water or from a discharge to surface water to a tributary to discharge to the mainstream)
- A golf course
- Other (describe the wastewater activity if it is not addressed by the categories provided)

7. DESCRIPTION OF AMENDMENT OR REVISION PROPOSAL (Complete this section separately for each wastewater discharge):

Service area proposals within the watershed of a Category One Trout Production stream, as classified in the Surface Water Quality Standards, should, in general, not divert wastewater out of the watershed. Areas located within Category One Trout Production watersheds should be identified as being within an area to be served by facilities with wastewater planning flows of less than 2,000 gpd utilizing discharge to ground water. Proposals for new sewer service areas or extensions of sewer service areas into a Category One Trout Production watershed will be required to perform additional analyses including: 1) an analysis of the stream base flow reduction to be expected due to the wastewater proposal, and; 2) an ecological assessment of the impacts to the stream habitat/ecology to be expected due to the wastewater proposal.

A. Indicate the projected wastewater to be generated by the proposed project, using the projected flow criteria on pages 14-16 of the application.

B. Indicate if the proposed wastewater flow will be discharged to surface or ground water.

C. Provide the name of the wastewater treatment facility that will be receiving the wastewater flow. If the facility is for a site-specific company facility, use the company name on the wastewater treatment facility. For example, new ABC Company will discharge wastewater to the ABC Wastewater Treatment Facility. If the discharge will be to individual subsurface sewage disposal systems less than 2,000 gpd, indicate either individual subsurface sewage disposal systems or n/a.

D. If the discharge is to surface water, provide the name of the stream and surface water quality classification of the stream that the wastewater will discharge to. The information necessary to complete this section can be found through the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or through the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis> under the data layer "Surface Water Quality" or within the New Jersey Surface Water Quality Standards at N.J.A.C. 7:9B. If the discharge is to ground water the answer is n/a.

E. Provide the acreage of the entire site for projects or activities smaller than a municipal WMP.

F. Provide the acreage of area to be disturbed by the proposed project.

8. MAPS AND DRAWINGS:

Delineate the project or activity on a tax map and attach this map. For projects or activities smaller than a municipal WMP, provide the lot and block numbers. Provide mapping information in the form of digital GIS data (disk) or a USGS quadrangle map delineating the property/proposed sewer service area boundary and location of the proposed new or expanded wastewater treatment facility and discharge location, if applicable. Please include site plans if applicable.

Mapping information should be submitted in the form of digital GIS data, whenever possible. The digital maps shall be accurate, at a minimum, to a scale of 1:12,000. The NJDEP will provide its GIS theme coverage, associated meta-data and the digital data transfer standards at N.J.A.C. 7:1D Appendix A at the request of the applicant. The creation of new GIS data layers shall be prepared in a format which is consistent with the NJDEP's digital data transfer standards at N.J.A.C. 7:1D, Appendix A.

In addition, the NJDEP's 1991/92 quarterquad basemap series may be used to prepare the amendment or revision. Maps shall be prepared in a format which is consistent with the NJDEP's mapping standards at N.J.A.C. 7:1D, Appendix A and shall be in New Jersey State Plane Feet using the North American Datum of 1983 (NAD83). Maps shall meet United States National Map Accuracy Standards for a scale of 1:12,000. [An original, unfolded, geo-referenced stable base medium (such as Mylar®) of any map prepared at this scale shall be submitted with the amendment so that the NJDEP may transform the map into a GIS coverage.] Other maps at other scales may be submitted as supplements to the base mapping, such as an overview map for a regional or county WMP area to define the overall pattern of wastewater facilities and service areas.

If a paper copy of the USGS quadrangle map is being submitted, use the 1:24,000 scale.

Copies of USGS quadrangle maps are available from the NJDEP Bureau of Revenue, Maps and Publications located at 428 East State Street, Trenton, NJ, 08625. They may be contacted by at (609) 777-1038.

9. REGIONAL PLANNING CONSIDERATIONS:

For information on the Highlands Preservation and Planning Areas, please refer to the Department's website at <http://www.nj.gov/dep/highlands/> or contact the Highlands Council website at <http://www.highlands.state.nj.us/> (Item A). A complete copy of the application and submission for amendments, revisions and WMPs in the Highlands Preservation and/or Planning Area must be submitted to the Highlands Council at 100 North Road (Route 513), Chester, New Jersey 07930.

Mapping information necessary to complete this section can be found through the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis> and by contacting the Office of Policy, Planning, and Science at (609) 341-5311 or the Office of Coastal Planning at (609) 292-2662 for NJ's regulated Coastal Zone (Item B); the Pinelands Commission web site at <http://www.state.nj.us/pinelands/lcm.htm> or at (609) 894-7300 for Pinelands information (Item C); the New Jersey Meadowlands Commission at <http://njmeadowlands.gov/> (Item D); the NJ Office of State Planning at (609) 292-7156 for State Development and Redevelopment Plan Planning Area or Name of Approved Center information (Item E); for local ordinances, stormwater management plans, and master plans, your local municipal planning office (Items F-I); or for information on TMDLs, the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis> (Item J)

10. WATER SUPPLY CONSIDERATIONS:

A. Public water systems can generally be defined as a system that pipes water for human consumption if such system has at least 15 service connections or regularly services at least 25 individuals for 60 or more days out of the year. (See attached Figure 1 "Types of Public Water Systems"). Existing water systems are those water systems that have a currently valid water allocation permit or water use registration issued by the Department. Confined aquifer means "an aquifer which contains groundwater confined under pressure between relatively impermeable or significantly less permeable material so that its groundwater surface rises above the top of the aquifer." (NJ Statewide Water Supply Plan,

1996) Unconfined (or semi-confined) aquifer means “an aquifer close to the land surface with continuous layers of materials with permeabilities in the high to low range, extending from the land surface to the base of the aquifer.” (NJ Statewide Water Supply Plan, 1996)

B. AND C. To complete the information requested under Parts B and C, contact your water purveyor or local water department. To identify your water purveyor, call the telephone number listed on your water bill or contact your municipal government. The Location of the Diversion (Item B) should include the name of the municipality with street address, if applicable. The Department will consider the location of the diversion (Item 9B) relative to the location of wastewater discharge (Item 5D-2) in its assessment of the need for a consumptive water use analysis.

D. Information necessary to complete Item D is located in the 1996 New Jersey Statewide Water Supply Plan. If necessary, contact the NJDEP's Maps and Publications Office at (609) 777-1038.

E. Information necessary to complete this item is available on the NJDEP web site at <http://www.state.nj.us/dep/gis> or by contacting the NJDEP Water Supply Administration at (609) 292-2957.

F. Contact the municipal government within which the project/activity is located to answer this question and obtain a copy of the ordinance.

11. RIPARIAN CORRIDOR CONSIDERATIONS:

The classification of all waterbodies located within the project/activity site and the offsite planning area should be identified. The information necessary to complete this section can be found through the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or through the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis> or within the New Jersey Surface Water Quality Standards at N.J.A.C. 7:9B.

12. IS THE PROPOSAL REQUIRED AS PART OF AN ADMINISTRATIVE ORDER, COURT ORDER, NJDEP ADMINISTRATIVE CONSENT ORDER (ACO), OR A JUDICIAL CONSENT ORDER TO WHICH THE NJDEP IS A PARTY, FROM A STATE OR FEDERAL COURT?

Indicate whether or not the project/activity is subject to any of the above enforcement actions and if so, attach a copy of the enforcement document, highlighting the pertinent sections.

13. THREATENED AND ENDANGERED SPECIES HABITAT CONSIDERATIONS:

With regard to consideration of Threatened and Endangered species under the environmental constraints analysis, the objective is to avoid impacts to threatened and endangered species and their habitat. The Department's Division of Fish and Wildlife (DFW), Endangered and Non-Game Species Program has developed the "Landscape Project" which identifies state and federally listed endangered or threatened species habitat. Please utilize the Landscape Project Maps to assist in the determination of the specified endangered and/or threatened species habitat within the project area. Undeveloped land within Landscape Project Areas 3, 4 and 5 must be designated for Discharge to Groundwater less than 2,000 gpd.

14. IS THE PROPOSAL REQUIRED TO RECEIVE REVIEW BY ANY OF THE FOLLOWING ACTS?

For information necessary to complete this section, please refer to the Department's Land Use Regulation Program website at <http://www.nj.gov/dep/landuse/>.

15. SUPPLEMENTAL INFORMATION: Provide any other supplemental information you believe would be important in assessing the plan amendment requirements for your proposal. This can include site plan mapping and/or the results of previously completed environmental analyses for the project or planning area or any other information deemed important to the applicant.

- Please provide updated text for the WMP that describes the proposed project. Please include a facilities table for the proposed project. Please refer to the Department's website at <http://www.nj.gov/dep/watershedmgt/rules.htm> for a copy of the facilities table outline. If any changes are required to the existing text, please type in the new information in boldface and bracket the old information as necessary throughout the WMP. A clean copy of the new information must be provided so that upon adoption of the amendment, the new information will be accurately displayed on the pages of the WMP.
- Plans for any development consisting of more than one single family dwelling or duplex must be signed and sealed

by a Professional Engineer or Land Surveyor.

- Plans for activities proposed on public parklands may be prepared, signed and sealed by a State Certified Landscape Architect instead of a Professional Engineer or Land Surveyor.
- If other supplemental information is supplied, provide a descriptive name explaining what is attached.

16. CERTIFICATION: The person authorizing that the information on the application form is accurate shall sign and date the application form in this area. This person can be the owner or agency submitting the request or preparer of the amendment or revision.